



78 Ohm TRB Plug 1553 Connector Crimp/
Solder Attachment for M17/176-00002,

RF Connectors Technical Data Sheet

PE410-08030-206

Configuration

- TRB Plug Connector
- MIL-STD-1553
- 78 Ohms
- Straight Body Geometry
- Connector Interface Types: M17/176-00002
- 1553 Design

Features

- Max. Operating Frequency 500 MHz
- Gold 30 micro inches Plated Bronze Contact
- Contact plating according to ASTM-B-488

Applications

- General Purpose Test
- Custom Cable Assemblies
- M17/176-00002

Description

This 2-lug TRB plug has a bayonet coupling design with a center contact and an intermediate cylindrical contact. The bayonet type can withstand severe shocks and vibrations. Uses high-temperature M17/176-00002 twinax cable. It is RoHS compliant.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		500	MHz
Impedance		78		Ohms

Mechanical Specifications

Size	
Length	1.22 in [31.00 mm]
Width	0.57 in [14.50 mm]
Height	0.57 in [14.50 mm]
Weight	0.02 lbs [9.07 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [78 Ohm TRB Plug 1553 Connector Crimp/Solder Attachment for M17/176-00002, PE410-08030-206](#)



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Material Specifications

Description	Material	Plating
Contact	Bronze	Gold 30 micro inches ASTM-B-488
Insulation	Teflon	
Outer Conductor	Phosphor Bronze	Gold 30 micro inches ASTM-B-488
Body	Brass	Nickel ASTM-B-733
Gasket	Rubber	
Crimp Sleeve	Brass	Nickel

Environmental Specifications

Temperature

Operating Range -55 to +200 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

78 Ohm TRB Plug 1553 Connector Crimp/Solder Attachment for M17/176-00002, from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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URL: <https://www.pasternack.com/trb-plug-m17-176-00002-connector-pe410-08030-206-p.aspx>

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PE410-08030-206 CAD Drawing

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